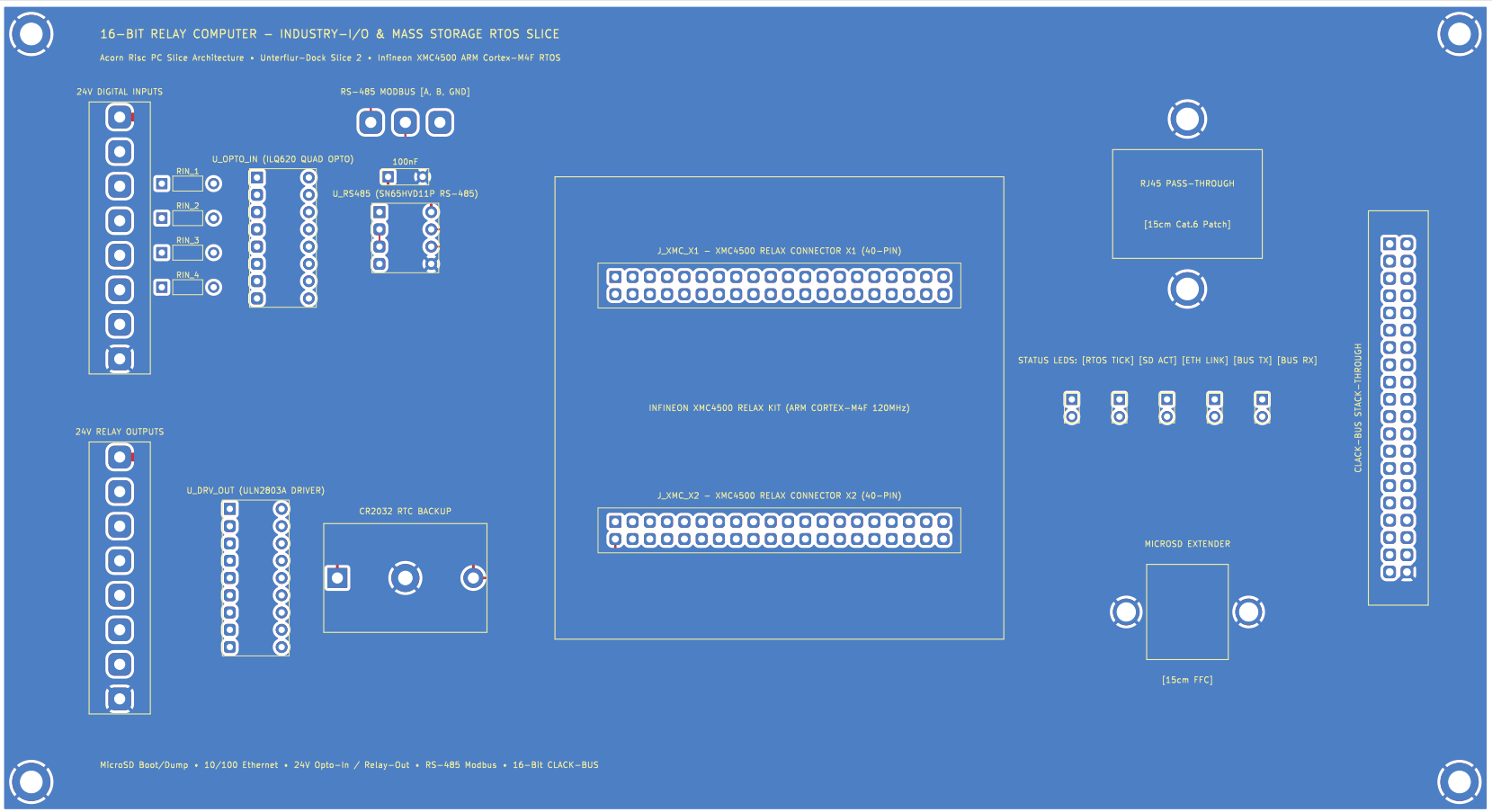
16-BIT RELAY COMPUTER – INDUSTRY-I/O & MASS STORAGE RTOS SLICE
Acorn Risc PC Slice Architecture • Unterfiur-Dock Slice 2 • Infineon XMC4500 ARM Cortex-M4F RTOS
24V DIGITAL INPUTS
RS-485 MODBUS [A, B, GND]
U_OPTO_IN (ILQ620 QUAD OPTO)
RIN_1
RIN_2
RIN_3
RIN_4
100nF
U_RS485 (SN65HVD11P RS-485)
J_XMC_X1 – XMC4500 RELAX CONNECTOR X1 (40-PIN)
INFINEON XMC4500 RELAX KIT (ARM CORTEX-M4F 120MHz)
J_XMC_X2 – XMC4500 RELAX CONNECTOR X2 (40-PIN)
RJ45 PASS-THROUGH
[15cm Cat.6 Patch]
STATUS LEDS: [RTOS TICK] [SD ACT] [ETH LINK] [BUS TX] [BUS RX]
CLACK-BUS STACK-THROUGH
24V RELAY OUTPUTS
U_DRV_OUT (ULN2803A DRIVER)
CR2032 RTC BACKUP
MICROSD EXTENDER
[15cm FFC]
MicroSD Boot/Dump • 10/100 Ethernet • 24V Opto-In / Relay-Out • RS-485 Modbus • 16-Bit CLACK-BUS